

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L14	338	(real near time) and (time near delay) and (move or motion or movement or (change near2 position)) and terahertz	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/22 10:01
L15	296	14 and subject	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/22 10:02
L16	23	15 not communication	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/22 10:04
L17	64	(real near time) and ((time near delay) same (move or motion or movement or (change near2 position))) and terahertz	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/22 10:14
L18	58	17 not 16	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/22 10:15
L19	35	(real near time) and ((time near delay) same (motion or movement or (change near2 position))) and terahertz	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/22 10:28
S1	4	"570770" .AP.	US-PGPUB; USPAT; USOCR	AND	OFF	2008/09/29 11:12
S2	0	"570770" .AP.	DERWENT	AND	OFF	2008/09/29 11:14
S3	1	US "20070030115" A1	DERWENT	AND	OFF	2008/09/29 11:15
S4	0	EP-A-0 "197810"	EPO	AND	OFF	2008/09/29 11:35
S5	0	Oct "15", "1986" .PY.	EPO	AND	OFF	2008/09/29 11:36
S6	0	(Oct "15", "1986") .PY.	EPO	AND	OFF	2008/09/29 11:36
S7	1	Vanoni, Regis	EPO	AND	OFF	2008/09/29 11:37
S8	0	EP86400477	DERWENT	AND	OFF	2008/09/29 11:38
S9	0	EP000197810A1	DERWENT	AND	OFF	2008/09/29 11:39
S10	0	Vanoni, Regis	DERWENT	AND	OFF	2008/09/29 11:39
S11	3	EP "197810" A1	DERWENT	AND	OFF	2008/09/29 11:40
S12	0	EP0197810A1	DERWENT	AND	OFF	2008/09/29 11:41
S13	1	EP "0197810" A1	DERWENT	AND	OFF	2008/09/29 11:41
S14	3	EP "197810" A1	DERWENT	AND	OFF	2008/09/29 11:41
S15	0	EP-A-0 "197" "810"	DERWENT	AND	OFF	2008/09/29 11:42
S16	0	EP-A-0197810	DERWENT	AND	OFF	2008/09/29 11:42
S17	0	"0917810" A1	EPO	AND	OFF	2008/09/29 11:45

S18	244242	(method and device for recognizing an individual) .TI.	DERWENT	OR	OFF	2008/09/29 11:48
S19	0	S18 and (Vanoni adj Regis)	DERWENT	OR	OFF	2008/09/29 11:49
S20	0	S18 and (EP86400477)	DERWENT	OR	OFF	2008/09/29 11:49
S21	0	S18 and (EP000197810A1)	DERWENT	OR	OFF	2008/09/29 11:51
S22	75721	S18 and (EP "197810" A1)	DERWENT	OR	OFF	2008/09/29 11:51
S23	2202281	P31 P76 "S05" T01 T04	DERWENT	OR	OFF	2008/09/29 12:51
S24	1	S23 authentic\$6 (retina adj pattern) wave	DERWENT	AND	OFF	2008/09/29 12:53
S25	1	S23 authentic\$6 (retina) wave	DERWENT	AND	OFF	2008/09/29 12:54
S26	825	S23 and ((person or individual or (living adj body)) adj authentic\$5)	DERWENT	OR	OFF	2008/09/29 12:56
S27	5	S26 and (retina adj pattern)	DERWENT	OR	OFF	2008/09/29 12:57
S28	1	S27 and wave	DERWENT	OR	OFF	2008/09/29 13:00
S29	2	S26 and wave	DERWENT	OR	OFF	2008/09/29 13:01
S30	3508815	identif\$8 recogni\$5 authent\$8 detect\$5 valid\$6 confirm\$5 verif\$8	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/29 15:38
S31	345722	(finger adj print) fingerprint (voice adj print) voiceprint voice retina (retina adj pattern) iris	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/29 15:41
S32	3249	((pulse or voicecord or (voice adj cord) or bone)adj (vibration or movement)) or (pupil adj (contract\$5 or dilat\$5))	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/29 15:44
S33	401	(temperature absorp\$8 or reflect\$8 or impedance (dielectric adj constant) DNA water contant) with (electromegnat\$3 or terahertz)	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/29 15:48
S34	1	S30 S31 S32 S33	US-PGPUB; USPAT; USOCR	SAME	ON	2008/09/29 15:48
S35	3	S30 S31 S32 S33	US-PGPUB; USPAT; USOCR	AND	ON	2008/09/29 15:49
S36	63693	(temperature absorp\$8 or reflect\$8 or impedance (dielectric adj constant) DNA water contant) with (electromagnet\$3 or terahertz)	US-PGPUB; USPAT; USOCR	OR	ON	2008/09/29 15:53
S37	1	S30 S31 S32 S33	US-PGPUB; USPAT; USOCR	SAME	ON	2008/09/29 15:54
S38	1	S30 S31 S32 S36	US-PGPUB; USPAT; USOCR	SAME	ON	2008/09/29 15:54
S39	19	S30 S31 S32 S36	US-PGPUB; USPAT; USOCR	AND	ON	2008/09/29 15:54
S40	3	((electromagnetic or terahertz)adj wave) same (identif\$8 or authenticat\$5) same (biological adj information)	US-PGPUB; USPAT; USOCR	AND	ON	2008/09/29 16:15
S41	19079	(atm or (automatic adj teller adj machine)) security system	US-PGPUB; USPAT; USOCR	AND	ON	2008/09/29 16:20

S42	2332	S41 and (electromagnetic)	US-PGPUB; USPAT; USOCR	AND	ON	2008/09/29 16:20
S43	1544	S42 and S31	US-PGPUB; USPAT; USOCR	AND	ON	2008/09/29 16:21
S44	1541	S43 S30	US-PGPUB; USPAT; USOCR	AND	ON	2008/09/29 16:21
S45	4	S44 S32	US-PGPUB; USPAT; USOCR	AND	ON	2008/09/29 16:21
S46	1900	(electromagnetic or terahertz) with ((phase adj (shift or transfer or change)) or phaseshift)	US-PGPUB; USPAT; USOCR	AND	OFF	2008/09/30 09:25
S47	3510215	identif\$8 recogni\$5 authent\$8 detect\$5 valid\$6 confirm\$5 verif\$8	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/30 09:26
S48	345904	(finger adj print) fingerprint (voice adj print) voiceprint voice retina (retina adj pattern) iris	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/30 09:26
S49	125	S47 S48 S46	US-PGPUB; USPAT; USOCR	AND	OFF	2008/09/30 09:26
S50	295329	(finger adj print) fingerprint (voice adj print) voiceprint voice	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/30 09:33
S51	36722	(finger adj print) fingerprint (voice adj print) voiceprint	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/30 09:33
S52	74	S46 S47 S48 S51	US-PGPUB; USPAT; USOCR	AND	OFF	2008/09/30 09:33
S56	872897	security or identity or identification or authorization or authentication	US-PGPUB; USPAT; USOCR	AND	OFF	2008/09/30 10:32
S57	481787	bank or laptop or (lap\$toP) or (cell \$phone) or atm or (automat\$3 adj teller adj machine)	US-PGPUB; USPAT; USOCR	AND	ON	2008/09/30 10:34
S58	21	S46 S51 S56 S57	US-PGPUB; USPAT; USOCR	AND	ON	2008/09/30 10:35
S59	11860	S51 S56 S57	US-PGPUB; USPAT; USOCR	AND	ON	2008/09/30 10:42
S60	2360	S51 S56 S57 radiation	US-PGPUB; USPAT; USOCR	AND	ON	2008/09/30 10:43
S61	100	(US-20020076089-\$ or US-20020129268- \$ or US-20030044051-\$ or US- 20030170709-\$ or US-20030174868-\$ or US-20030216665-\$ or US-20040044292- \$ or US-20040106854-\$ or US- 20040113771-\$ or US-20050159653-\$ or US-20050194876-\$ or US-20060035247- \$ or US-20060080182-\$ or US- 20060173361-\$ or US-20060206017-\$ or US-20060215883-\$ or US-20060247533- \$ or US-20070030115-\$ or US- 20070036399-\$ or US-20070122014-\$ or US-20070161969-\$ or US-20070177772- \$ or US-20070183633-\$ or US- 20080075330-\$ or US-20080191839-\$). did. or (US-5421345-\$ or US-6011860-\$ or US-3639905-\$ or US-4027391-\$ or US- 4245652-\$ or US-RE30594-\$ or US- 4406567-\$ or US-4488559-\$ or US- 4562175-\$ or US-4614366-\$ or US- 4619653-\$ or US-4820160-\$ or US- 4913891-\$ or US-4990603-\$ or US- 5012357-\$ or US-5181521-\$ or US-	US-PGPUB; USPAT	AND	OFF	2008/09/30 10:56

		5192285-\$ or US-5230329-\$ or US- 5251647-\$ or US-5358846-\$ or US- 5370611-\$ or US-5395319-\$ or US- 5421113-\$ or US-5465556-\$ or US- 5484403-\$ or US-5489275-\$).did. or (US- 5740808-\$ or US-5741213-\$ or US- 5776071-\$ or US-5810769-\$ or US- 5846198-\$ or US-5919115-\$ or US- 5961458-\$ or US-5989918-\$ or US- 5991145-\$ or US-6068597-\$ or US- 6081607-\$ or US-6144757-\$ or US- 6233348-\$ or US-6317700-\$ or US- 6333051-\$ or US-6336045-\$ or US- 6343140-\$ or US-6355000-\$ or US- 6393992-\$ or US-6413224-\$ or US- 6560511-\$ or US-6888956-\$ or US- 6907134-\$ or US-7089083-\$ or US- 7181052-\$ or US-7236889-\$ or US- 7245960-\$).did. or (US-7330745-\$ or US- 7379114-\$ or US-5235326-\$ or US- 5876959-\$ or US-6143555-\$ or US- 4254581-\$ or US-4271001-\$ or US- 4274359-\$ or US-4276606-\$ or US- 4284725-\$ or US-4299580-\$ or US- 4337462-\$ or US-4338493-\$ or US- 4339162-\$ or US-4400370-\$ or US- 4413584-\$ or US-4418411-\$ or US- 4423152-\$ or US-4446234-\$ or US- 4463096-\$ or US-4467032-\$ or US- 4486849-\$).did.				
S62	100	(US-20020076089-\$ or US-20020129268-\$ or US-20030044051-\$ or US-20030170709-\$ or US-20030174868-\$ or US-20030216665-\$ or US-20040044292-\$ or US-20040106854-\$ or US-20040113771-\$ or US-20050159653-\$ or US-20050194876-\$ or US-20060035247-\$ or US-20060080182-\$ or US-20060173361-\$ or US-20060206017-\$ or US-20060215883-\$ or US-20060247533-\$ or US-20070030115-\$ or US-20070036399-\$ or US-20070122014-\$ or US-20070161969-\$ or US-20070177772-\$ or US-20070183633-\$ or US-20080075330-\$ or US-20080191839-\$).did. or (US-5421345-\$ or US-6011860-\$ or US-3639905-\$ or US-4027391-\$ or US-4245652-\$ or US-RE30594-\$ or US-4406567-\$ or US-4488559-\$ or US-4562175-\$ or US-4614366-\$ or US-4619653-\$ or US-4820160-\$ or US-4913891-\$ or US-4990603-\$ or US-5012357-\$ or US-5181521-\$ or US-5192285-\$ or US-5230329-\$ or US-5251647-\$ or US-5358846-\$ or US-5370611-\$ or US-5395319-\$ or US-5421113-\$ or US-5465556-\$ or US-5484403-\$ or US-5489275-\$).did. or (US-5740808-\$ or US-5741213-\$ or US-5776071-\$ or US-5810769-\$ or US-5846198-\$ or US-5919115-\$ or US-5961458-\$ or US-5989918-\$ or US-5991145-\$ or US-6068597-\$ or US-6081607-\$ or US-6144757-\$ or US-	US-PGPUB; USPAT	AND	OFF	2008/09/30 10:56

		6233348-\$ or US-6317700-\$ or US-6333051-\$ or US-6336045-\$ or US-6343140-\$ or US-6355000-\$ or US-6393992-\$ or US-6413224-\$ or US-6560511-\$ or US-6888956-\$ or US-6907134-\$ or US-7089083-\$ or US-7181052-\$ or US-7236889-\$ or US-7245960-\$).did. or (US-7330745-\$ or US-7379114-\$ or US-5235326-\$ or US-5876959-\$ or US-6143555-\$ or US-4254581-\$ or US-4271001-\$ or US-4274359-\$ or US-4276606-\$ or US-4284725-\$ or US-4299580-\$ or US-4337462-\$ or US-4338493-\$ or US-4339162-\$ or US-4400370-\$ or US-4413584-\$ or US-4418411-\$ or US-4423152-\$ or US-4446234-\$ or US-4463096-\$ or US-4467032-\$ or US-4486849-\$).did.				
S63	0	("18and1and6and12and13").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/30 10:57
S64	1	S62 S46 S51 S56 S57	US-PGPUB; USPAT; USOCR	AND	OFF	2008/09/30 10:58
S65	1	S62 S46 S51 S56	US-PGPUB; USPAT; USOCR	AND	OFF	2008/09/30 10:59
S66	1	S62 S46 S51	US-PGPUB; USPAT; USOCR	AND	OFF	2008/09/30 10:59
S67	1	S62 S46	US-PGPUB; USPAT; USOCR	AND	OFF	2008/09/30 10:59
S68	14	S62 and electromagnetic	US-PGPUB; USPAT; USOCR	AND	OFF	2008/09/30 10:59
S69	5	S62 S51 and electromagnetic	US-PGPUB; USPAT; USOCR	AND	OFF	2008/09/30 11:02
S70	5389	biometric adj (recogn\$5 or identif\$8 or signature or autheriz\$8 or authenticat\$5)	US-PGPUB; USPAT; USOCR	AND	OFF	2008/09/30 11:17
S71	955	S70 electromagnetic	US-PGPUB; USPAT; USOCR	AND	OFF	2008/09/30 11:18
S72	695	S71 S51	US-PGPUB; USPAT; USOCR	AND	OFF	2008/09/30 11:18
S73	93	S72 and atm	US-PGPUB; USPAT; USOCR	AND	OFF	2008/09/30 11:19
S74	43	S72 and (phase adj (shift or change or transfer))	US-PGPUB; USPAT; USOCR	AND	OFF	2008/09/30 11:38
S75	3	S70 (electromagnetic with (phase adj (shift or change or transfer)))	US-PGPUB; USPAT; USOCR	AND	OFF	2008/09/30 13:29
S76	0	S70 (electromagnetic with5 (phase adj (shift or change or transfer)))	US-PGPUB; USPAT; USOCR	AND	OFF	2008/09/30 13:30
S77	0	S70 (electromagnetic with10 (phase adj (shift or change or transfer)))	US-PGPUB; USPAT; USOCR	AND	OFF	2008/09/30 13:30
S78	3	S70 (electromagnetic same(phase adj (shift or change or transfer)))	US-PGPUB; USPAT; USOCR	AND	OFF	2008/09/30 13:30
S79	2	(method system biometric recognition using unique internal distinguishing characteristics) .TI.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2008/10/02 16:49
S80	6	("4235243"   "4754763"   "4799498"   "4860756"   "5720296"   "5782763").PN.	US-PGPUB; USPAT; USOCR	AND	OFF	2008/10/09 15:33

S81	7	("6336045").URPN.	USPAT	AND	OFF	2008/10/09 15:34
S82	0	S81 and fingerprint	USPAT	AND	OFF	2008/10/09 15:37
S83	0	S81 and (fingerprint or (finger adj print))	USPAT	AND	OFF	2008/10/09 15:37
S84	0	S81 and (fingerprint or voiceprint or (retina adj pattern))	USPAT	AND	OFF	2008/10/09 15:38
S85	24721	Cannon	US-PGPUB; USPAT; USOCR	AND	ON	2008/10/09 18:46
S86	50690	CANON KABUSHIKI KAISHA	US-PGPUB; USPAT; USOCR	AND	ON	2008/10/09 18:46
S87	33	((TAKEAKI) near2 (ITSUJI)).INV.	US-PGPUB; USPAT; USOCR	AND	ON	2008/10/09 18:48
S88	89	((TOSHIHIKO) near2 (OUCHI)).INV.	US-PGPUB; USPAT; USOCR	AND	ON	2008/10/09 18:48
S89	6972	600/407 600/409 600/547 600/554 607/51	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/09 18:55
S90	6332	600/547 600/407	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/09 18:55
S91	11999	600/547 600/407 600/300	US-PGPUB; USPAT; USOCR	OR	ON	2008/10/09 18:57
S92	4	"570770" .AP.	US-PGPUB; USPAT; USOCR	AND	ON	2008/10/22 17:35
S93	1	"6844552".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/18 10:52
S94	2	"20070070358"	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/18 11:58
S95	0	("2007/0070358").URPN.	USPAT	OR	ON	2009/06/18 11:58
S96	31	("3824717"   "4510402"   "4755820"   "4757268"   "4759820"   "4896942"   "4922091"   "5144630"   "5332918"   "5355247"   "5377043"   "5493719"   "5543960"   "5663639"   "5729017"   "5789750"   "5844288"   "5894125"   "5937118"   "5946085"   "5952818"   "6014249"   "6038060"   "6078047"   "6111416"   "6144679"   "6239866"   "6275045").PN. OR ("6844552").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/18 11:59
S97	18	S96 and terahertz	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/18 12:16
S98	0	S97 and (change near2 position)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/18 12:16
S99	7	S97 and (movement of motion)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/18 12:16
S100	1	S97 and (movement or motion)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/18 12:20
S101	7	S97 and (movement or motion or position)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/18 12:20
S102	30	("5623145"   "5710430"   "5789750"   "5894125"   "5939721").PN. OR ("6078047").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/18 12:25
S103	27	S102 and (movement or motion or position)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/18 12:26

S104	22	S102 and (movement or motion or move)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/18 12:26
S105	36	("20030128150"   "20040080448"   "20040090359"   "20040140924"   "20040263379"   "20050110672"   "4866424"   "4901084"   "4910523"   "4940986"   "5047783"   "5073782"   "5170169"   "5181234"   "5202692"   "5227800"   "5367552"   "5455590"   "5557283"   "5600303"   "5760397"   "5805098"   "5859609"   "6057761"   "6078047"   "6088423"   "6094472"   "6342696"   "6469624"   "6507309"   "6518915"   "6665373"   "6791487"   "6901163"   "6927691"   "6937182").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/18 12:58
S106	27	S105 and (movement or motion or move)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/18 12:58
S107	6	S106 and terahertz	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/18 12:59
S108	0	S105 and (breath)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/18 13:16
S109	0	S105 and (breathing)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/18 13:16
S110	4	S105 and (chest)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/18 13:16
S111	14	L1-L18	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/18 14:56
S112	96	S93 S94 S95 S96 S97 S98 S99 S100 S101 S102 S103 S104 S105 S106 S107 S108 S109 S110	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/18 14:56
S113	8	S112 and (terahertz) and (time near2 delay) and (movement or motion of (position with change))	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/18 14:57
S114	817918	(tera?hertz change position delay).ab.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/19 20:54
S115	0	(tera?hertz change position delay).ab.	US-PGPUB; USPAT; USOCR	SAME	ON	2009/06/19 20:54
S116	0	(tera?hertz time delay).ab.	US-PGPUB; USPAT; USOCR	SAME	ON	2009/06/19 20:54
S117	7	(terahertz time delay).ab.	US-PGPUB; USPAT; USOCR	SAME	ON	2009/06/19 20:55
S118	0	(terahertz time delay change position). ab.	US-PGPUB; USPAT; USOCR	SAME	ON	2009/06/19 20:55
S119	0	(terahertz time delay change ).ab.	US-PGPUB; USPAT; USOCR	SAME	ON	2009/06/19 20:55
S120	7	(terahertz time delay).ab.	US-PGPUB; USPAT; USOCR	SAME	ON	2009/06/19 20:55
S121	20	(terahertz time delay).cim.	US-PGPUB; USPAT; USOCR	SAME	ON	2009/06/19 20:58

S122	32	("20020159334"   "20040090359"   "20040140924"   "20040263379"   "20050030219"   "4866424"   "4901084"   "4910523"   "4940986"   "5047783"   "5073782"   "5170169"   "5202692"   "5227800"   "5367552"   "5455590"   "5557283"   "5600303"   "5760397"   "5859609"   "6057761"   "6078047"   "6088423"   "6094472"   "6342696"   "6469624"   "6507309"   "6518915"   "6665373"   "6703964"   "6791487").PN. OR ("7119731").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/19 20:59
S123	1	S122 and terahertz and (time with delay)	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/19 21:01
S124	0	S122 and (terahertz or T?rays) and (time with delay) and (move\$4 or motion or (change with position))	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/19 21:03
S125	0	S122 and (terahertz ) and (time with delay) and (move\$4 or motion or (change with position))	US-PGPUB; USPAT; USOCR	OR	ON	2009/06/19 21:03

6/ 22/ 2009 10:30:05 AM

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